

Highway Improvement

ROAD BUILDING IS BOOMING

Steady Increase in Federal Aid Business in All Sections—Expenditures \$300,000,000.

(Prepared by the United States Department of Agriculture.)

Since early in 1919 there has been a steady increase each month in the federal aid business in the bureau of public roads of the United States department of agriculture. States in all sections of the country are filing their projects and receiving allotments. The road-building era is in full swing, and it would seem that the end is not yet. All indications point to greater records in the months immediately to come.

Based on complete reports from 44 of the states cash expenditures on the rural roads and bridges of the United States for the calendar year 1918 amounted to \$286,068,193. To this should be added the value of statute and convict labor, which cannot be fixed with any great degree of accuracy but probably amounted to not less than \$14,000,000, thus making the grand total expenditures for the year \$300,000,000. This total is made up of the actual expenditures for such items as labor, materials, supervision and administration directly connected with the construction, improvement and upkeep of public roads and bridges outside the limits of incorporated towns and cities, and does not include any item for sinking-fund payments or redemption and interest on road and bridge bonds.

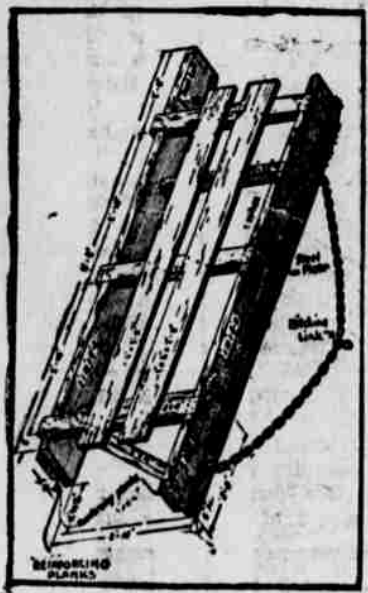
The year 1918 offered an unprecedented condition in practically all lines of highway work. There was not only a tremendous increase and expansion in the amount of heavy truck traffic on public roads and an unprecedented shortage in regard to road materials, labor and ready funds, but also a decided increase in maintenance work, which was, however, partially offset by a decrease in the amount of new construction.

PLANS FOR GOOD ROAD DRAG

One Shows in Illustration Is Adapted for Localities Where Lumber Is Plentiful.

(Prepared by the United States Department of Agriculture.)

The design for a road drag shown in the illustration is adapted for localities in which sawed lumber may be readily obtained. In this design the runners are made of 2 or 2½-inch boards, 10 inches wide and from 6 to 8 feet long, re-enforced with other 2-inch boards of the same length, but only 6 inches in width. If more convenient, however, 4-inch runners without re-enforcing boards may be readily substituted for those shown. The method of framing the runners together is a modification of that used



Detail Drawing Showing Typical Construction of Road Drag Built of Sawed Lumber.

In connection with the split-log type of drag. In this case only two of the cross braces have their ends fitted into auger holes like rungs.

In fastening the draw-chain to a sawed-lumber drag, it is usually advisable to run both ends of the chain through holes in the front runner or else make the connections by means of eye or hook bolts, as shown. The reason for this is that the sawed cross braces are seldom sufficiently strong to withstand the pull of the chain when it is looped over them, as is frequently done when round timber crosspieces are used. If straight-grained pieces are used for the crosspieces, however, there is no apparent reason why one end of the chain might not be connected by looping it around the 2½-inch square crosspiece near the cutting end.

Highway Travel Increasing.
Highways travel by means of the passenger automobile increased greatly during the past summer, fully fifty per cent.

Must Have Good Roads.
It costs money to build a good road, but we have got to have them, as the experience of the past and the coming winter will demonstrate.

Hard on Weed Crop.
Fall diskling is hard on the weed crop.

Three Classes of Roads.
Roads may be divided into three general classes, as regards construction—dirt roads, various kinds of macadam, and pavements such as brick, concrete, asphalt, etc.

Good Farm Combination.
Poultry and fruit are two branches of farm life that should be considered upon every farm.

Close grazing of a pasture crop when it is young permanently injures it.

DADDY'S EVENING FAIRY TALE

THE TURKEYS.

"It does seem funny," said old Mr. Turkey.

"It does," said old Mrs. Turkey.

"Such good food as I've had each year now," said old Mr. Turkey.

"And I've had the best of everything," said old Mrs. Turkey.

"Shouldn't we have the best of everything?" asked young Miss Turkey.

"Of course," said old Mr. Turkey.

"And this is the time of the year when they see that we get it."

"What do you mean?" asked Miss Turkey.

"Well," said old Mr. Turkey, "every year around this time everyone thinks of their turkeys."

"That's nice," said Miss Turkey, "but it is only fair. Don't you agree with me?"

"Of course I agree with you," said old Mr. Turkey. "But there is a reason for the people feeding us at this time of the year."

"They're been feeding us such good things," said Miss Turkey, "for quite a time now."

"Ah, yes," said old Mrs. Turkey, "they begin to fatten us up in plenty of time. They want all the young, tender turkeys to be fat, very fat."

"That's good of them," said young Miss Turkey.

"Maybe you wouldn't think so if you knew the reason," said old Mr. Turkey.

"Do they like to hear us?"

key. "There is a reason for it as I told you."

"Tell me the reason," said young Miss Turkey.

"Let us all hear the reason," said a number of other young turkeys.

"Let us all hear the reason," they gobbled.

"Gobble, gobble, gobble, we're all going to hear the reason."

"All the old turkeys know the reason," commenced old Mr. Turkey.

"But we don't mind hearing it again," said old Mrs. Turkey.

"None of us mind in the least, gobble, gobble, gobble; none of us mind in the least," said the old turkeys.

"We are approaching the time of the year," began old Mr. Turkey, "known as Thanksgiving time. There is one day called Thanksgiving day which is supposed to be a very fine day."

"But it doesn't seem to make much difference to people whether it is a fine day or whether it isn't; they always think Thanksgiving day is a fine day."

"Now after Thanksgiving day comes Christmas day—not the very next day of course, but the next big holiday is Christmas day."

"Folks like to have us for these days, but especially do they like to have us for Thanksgiving day."

"Do they like to hear us gobble and give concerts?" asked Miss Turkey.

"Gracious," said old Mr. Turkey, "how young and ignorant the child is. No, Miss Turkey," he continued, "they do not care to hear us gobble on Thanksgiving day. They care to eat us instead."

"Eat us?" said Miss Turkey.

"Ah, it sounds quite horrible, but at the same time turkeys have always been glad and honored to have been chosen as the special part of the meal of a special day—in fact, of two special days."

"But our master and our mistress here have made pets of us. Really, it has been very funny. They began with a few turkeys, and now there are 15 of us."

"Each year they have fattened up the young ones for some time before Thanksgiving, and the old ones, too, have feasted. But Thanksgiving has come and gone and so has Christmas, and the turkeys are all gobbling still."

"They haven't been able to take their own turkeys for their dinners, so they've fed us up and left us alone! And each year the number grows. A funny, funny situation!"

Best Society.

The girl who is ambitious to get into the best of society has only to go to the public library and look for some of the less read books upon the shelves—Dickens and Scott, Emerson and Macaulay, Tennyson and Longfellow. The girl who makes good books her associates lives in the best society.—Girls' Companion.

Guns Have No Legs.

Little Stanley—Say, Uncle Jack, have guns got legs?

Uncle Jack—Certainly not, child.

Little Stanley—Then why do they have breeches?

Youthful Enterprise.

After a mission meeting a little boy lingered behind and insisted on seeing the missionary. At length his wish was gratified. "Well, my lad," said the kindly cleric, as he patted the boy's head, "do you wish to consecrate your young life to this noble work?"

"No, sir," replied the boy; "I wanted to know if you have got any foreign stamps!"

Home Without Books.

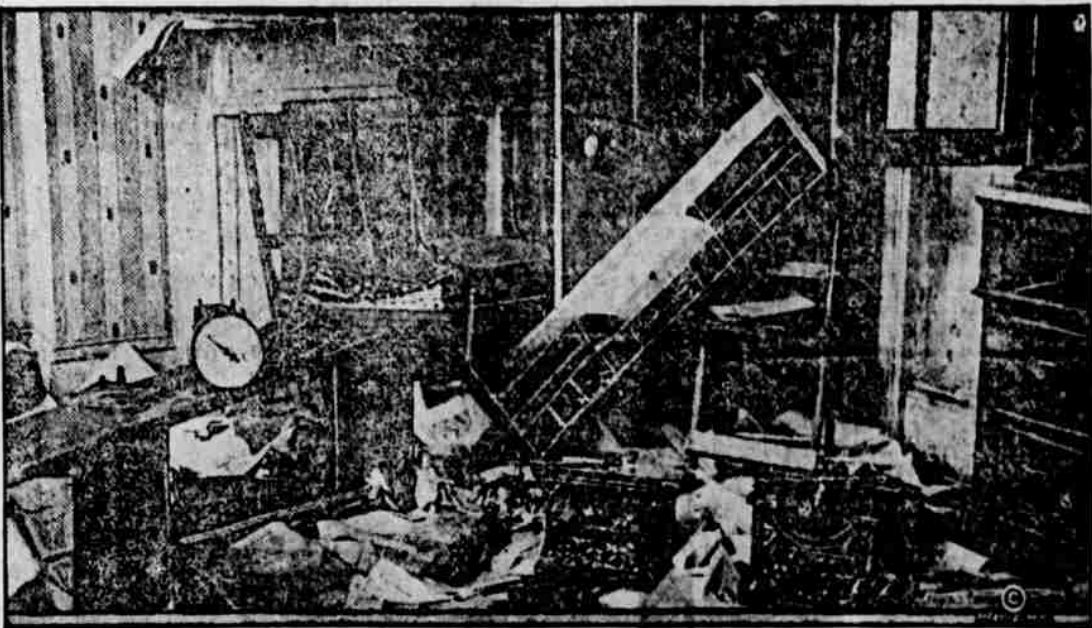
A home without books means discontented boys and girls.

TOLEDO FOLK RIDE IN BUSES OR WALK NOWADAYS



Citizens of Toledo, O., either walk or ride in buses at 10 to 25 cents a ride these days, for they have no street car service. They voted the franchise of the company forfeited, and the concern at once removed all its cars from the state.

RUSSIAN UNION WORKERS RAIDED IN NEW YORK



Scene in the headquarters of the Union of Russian Workers on Fifteenth street in New York after it had been raided by the police. Two hundred and fifty men were arrested and tons of radical literature seized.

BASUTO CHIEFS INSPECT DEUTSCHLAND



The Basuto chiefs who have been visiting in England were given a chance to inspect the German submarine Deutschland. The photograph shows the paramount chief returning to the deck.

SULTAN TAKES ENFORCED VACATION



The sultan of Turkey, though he has not officially abdicated, is taking a "vacation" in Asia Minor at the suggestion, it is said, of representatives of the allied nations in Constantinople. The photograph shows him arriving at the foreign office to receive what amounted to his deposition.

MUCH IN LITTLE

The mills of the United States every year export more flour than all the rest of the mills in the world produce.

A bit is supposed to be able to absorb and digest in one night food three times the weight of its own body.

Motorpools were not made in Austria before the war, but now several firms have begun to manufacture them.

Live cattle were first exported to England from America in 1801, but it did not become a regular business until several years later.

All of the mineral springs in Peru will be taken over by the government and conserved and exploited under the direction of the public health department.

The Siamese musical scale is an equal division of the octave into seven parts, and music never is written but learned by ear and handed down traditionally.

KING ALFONSO AT VERDUN



King Alfonso of Spain, upon his recent visit to the historic battlefields, being shown by Marshal Petain through a great network of trenches near Verdun.

DAY TO KEEP IN MEMORY

Particular Reason Why Civil War Veteran Recalls Incident of His Military Career.

An interesting story was told by the veteran Maj. George Haven Putnam during his visit in the city last week, says the New York Times.

Maj. Putnam served in the civil war, rose to be adjutant of the 176th Regt. New York volunteers, was captured at Cedar Mountain and confined in Libby prison.

"I was a very small factor in the army of the North, anyway," said Maj. Putnam, "and my absence from the ranks created no panic and was of very little moment to anyone except myself."

The major went on to say that one afternoon while he was cantering along a dusty Virginia highway he passed a body of Union troops at the wayside and their major saluted him. He was only 21 at the time and these attentions naturally pleased him. A little farther along he encountered another group of troops and this time an officer of considerably higher rank did the saluting.

Later on the young adjutant discovered that the major was William McKinley and the officer of higher rank was Brig. Gen. Rutherford B. Hayes.

It was a good deal later, however, before he found out that he had been saluted twice in the same afternoon by men who were to become presidents of the nation.

Robber River.

The discovery that there is a kind of struggle for existence among rivers is one of the interesting results of the modern study of physiography. A notable example of this contest is exhibited by England's two biggest rivers, the Thames and the Severn. Between their valleys lie the Cotswold hills, and exploration shows that the Severn, by eating backward among these hills where softer strata underlie them, has diverted to itself some of the headwaters that formerly flowed into the Thames.—New York Post.

I'M SO GLAD I DIDN'T TAKE NASTY, SICKENING CALOMEL

"Dodson's Liver Tone" Makes You Feel Just Grand and You Can Eat Anything and Not Be Salivated



Calomel salivates! If you feel bilious, headachy, constipated. If your skin is sallow, your breath bad, your stomach sour just go to any druggist and get for a few cents a bottle of Dodson's Liver Tone, which is a harmless vegetable substitute for dangerous Calomel. Take a spoonful and if it doesn't start your liver and straighten you up better and quicker than nasty Calomel and without making you sick, you just go back and get your money.

If you take Calomel today you'll be sick and nauseated tomorrow; besides, it may salivate you, while if you take Dodson's Liver Tone you will wake up feeling great, with a hearty appetite, full of ambition and ready for work or play. It is harmless, pleasant and safe to give to children.—Adv.

SPRAINS

"The best pain and sprain reliever I have ever found," says G. C. Cook. "I am much pleased with Hunt's Lightning Oil."

The powerful healing warmth of Hunt's Lightning Oil relieves pain when other treatments fail. Just try a bottle for that sprain or rheumatism, neuritis, etc., and see for yourself how quickly and gently the pain runs up and disappears.

"Hunt's Lightning Oil does all you claim for it—and MORE," says one enthusiastic user.

With right use the first drug store you come to and get a 25c or a 75c bottle.

A. B. Richards Medicine Company, Inc. Sherman, Texas

HUNT'S LIGHTNING OIL

WINTERSMITH'S CHILL TONIC

SOLD FOR 50 YEARS For MALARIA, CHILLS and FEVER

Also a Fine General Strengthening Tonic. SOLD BY ALL DRUG STORES

What do you think of this proposal to make men young by means of ape glands?

"I think it is all monkey business."

REBELLION IN STOMACH

"Pape's Diapiesin" at once ends indigestion and Sour, Acid Stomach

Lumps of undigested food cause pain. If your stomach is in a revolt; if sick, gassy and upset, and what you just ate has fermented and turned sour; head dizzy and aches; belch gases and acids and eructate undigested food—just take a tablet or two of Pape's Diapiesin to help neutralize acidity and in five minutes you wonder what became of the pain, acidity, indigestion and distress.

If your stomach doesn't take care of your liberal limit without rebellion; if your food is a damage instead of a help, remember the quickest, surest, most harmless stomach antacid is Pape's Diapiesin, which costs so little as drug stores.—Adv.

Use a Shorthorn Bull

You will increase the weight and improve the quality of your calves by using a Shorthorn bull.

The calves will make better gains and will be more profitable at the market. The calves will make better breeders and better milkers. Shorthorn calves are the best make and the cows make high milk records.

Write for information to the American Shorthorn Breeders' Association 12 Dexter Park Ave. Chicago, Ill.

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\$10 a Day Easy

In spare time taking orders for guaranteed Pioneer tailored ladies' man's clothes. Wonderful opportunity. You invest nothing. We train you. No extra. Express of parcel post prepaid. Complete outfit. Free. Your own clothes. Free. Big cash reward. Write today. Great Western Tailoring Co. Dept. 177, Jackson Blvd. & Green St., Chicago

Leggett's Kings KING PIN PLUG TOBACCO

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BENNETT'S SPECIAL \$3.50 FELT HAT

Patent post prepaid, offered at this very low cash price with order prior to get you acquainted with us.

Measures 4 to 6 inches; brims 2 to 3 inches all round. In other styles. Largest hat cleaning and repair establishment in the world. Send for catalogue. C. & B. HAT FACTORY, 121 Broad St., Jacksonville, Fla.

Stifel's Indigo Cloth

Overalls and Coveralls

made of Stifel Indigo Cloth are the most satisfactory garments for farm work. They wear, and wear and wear, and every washing makes them like new.

Remember, it's the cloth in your work clothes that gives the wear—so look for this trademark back of the cloth in the garment.

to be sure they're made of the genuine Stifel Indigo Cloth.

Your dealer can supply you. We are makers of the cloth only.

J. L. STIFEL & SONS, Indigo Dyers and Finers, Winchester, W. Va. 200 Church St., N.Y.